

Adriana Di Martino

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

19,116
citations

30070

54
h-index

48315

88
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106
all docs

106
docs citations

106
times ranked

18499
citing authors

#	ARTICLE	IF	CITATIONS
1	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. <i>Molecular Psychiatry</i> , 2014, 19, 659-667.	7.9	1,882
2	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , 2013, 76, 183-201.	4.2	1,331
3	The oscillating brain: Complex and reliable. <i>NeuroImage</i> , 2010, 49, 1432-1445.	4.2	1,239
4	Toward Systems Neuroscience of ADHD: A Meta-Analysis of 55 fMRI Studies. <i>American Journal of Psychiatry</i> , 2012, 169, 1038-1055.	7.2	782
5	Cingulate-Precuneus Interactions: A New Locus of Dysfunction in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2008, 63, 332-337.	1.3	777
6	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , 2012, 6, 152.	2.8	667
7	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. <i>Journal of Neuroscience</i> , 2010, 30, 15034-15043.	3.6	619
8	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	7.4	565
9	Deriving reproducible biomarkers from multi-site resting-state data: An Autism-based example. <i>NeuroImage</i> , 2017, 147, 736-745.	4.2	499
10	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. <i>Cerebral Cortex</i> , 2009, 19, 640-657.	2.9	497
11	Functional Brain Correlates of Social and Nonsocial Processes in Autism Spectrum Disorders: An Activation Likelihood Estimation Meta-Analysis. <i>Biological Psychiatry</i> , 2009, 65, 63-74.	1.3	480
12	Varieties of Attention-Deficit/Hyperactivity Disorder-Related Intra-Individual Variability. <i>Biological Psychiatry</i> , 2005, 57, 1416-1423.	1.3	471
13	Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. <i>Scientific Data</i> , 2017, 4, 170010.	5.3	422
14	Aberrant Striatal Functional Connectivity in Children with Autism. <i>Biological Psychiatry</i> , 2011, 69, 847-856.	1.3	403
15	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 80.	2.5	390
16	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013, 10, 524-539.	19.0	384
17	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018, 175, 359-369.	7.2	356
18	A convergent functional architecture of the insula emerges across imaging modalities. <i>NeuroImage</i> , 2012, 61, 1129-1142.	4.2	351

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19	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	5.3	349
20	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010, 50, 1690-1701.	4.2	331
21	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019, 10, 1022.	12.8	326
22	Unraveling the Miswired Connectome: A Developmental Perspective. <i>Neuron</i> , 2014, 83, 1335-1353.	8.1	299
23	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	7.1	299
24	Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2013, 74, 623-632.	1.3	295
25	Clinical applications of the functional connectome. <i>NeuroImage</i> , 2013, 80, 527-540.	4.2	288
26	Increased Functional Connectivity Between Subcortical and Cortical Resting-State Networks in Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 767.	11.0	276
27	L-Dopa Modulates Functional Connectivity in Striatal Cognitive and Motor Networks: A Double-Blind Placebo-Controlled Study. <i>Journal of Neuroscience</i> , 2009, 29, 7364-7378.	3.6	268
28	The balance between feeling and knowing: affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 727-737.	3.0	237
29	Resting-State Functional Connectivity Indexes Reading Competence in Children and Adults. <i>Journal of Neuroscience</i> , 2011, 31, 8617-8624.	3.6	234
30	Age-related non-Gaussian diffusion patterns in the prefrontal brain. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1345-1350.	3.4	221
31	Relationship Between Cingulo-Insular Functional Connectivity and Autistic Traits in Neurotypical Adults. <i>American Journal of Psychiatry</i> , 2009, 166, 891-899.	7.2	205
32	Examining Autistic Traits in Children with ADHD: Does the Autism Spectrum Extend to ADHD?. <i>Journal of Autism and Developmental Disorders</i> , 2011, 41, 1178-1191.	2.7	203
33	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011, 54, 2950-2959.	4.2	192
34	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	12.8	167
35	Preliminary evidence of altered gray and white matter microstructural development in the frontal lobe of adolescents with attention-deficit hyperactivity disorder: A diffusional kurtosis imaging study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 17-23.	3.4	154
36	Decomposing Intra-Subject Variability in Children with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2008, 64, 607-614.	1.3	133

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37	Association of White Matter Structure With Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <i>JAMA Psychiatry</i> , 2017, 74, 1120.	11.0	123
38	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	7.2	120
39	Abnormal Amygdala Functional Connectivity Associated With Emotional Lability in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 351-361.e1.	0.5	108
40	Underconnectivity of the superior temporal sulcus predicts emotion recognition deficits in autism. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1589-1600.	3.0	106
41	Cortical Signatures of Dyslexia and Remediation: An Intrinsic Functional Connectivity Approach. <i>PLoS ONE</i> , 2013, 8, e55454.	2.5	99
42	Toward Neurosubtypes in Autism. <i>Biological Psychiatry</i> , 2020, 88, 111-128.	1.3	97
43	Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , 2018, 9, 2818.	12.8	95
44	Long-Term Risperidone for Pervasive Developmental Disorder: Efficacy, Tolerability, and Discontinuation. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2000, 10, 79-90.	1.3	93
45	Multidimensional Neuroanatomical Subtyping of Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2018, 28, 3578-3588.	2.9	91
46	Multicenter mapping of structural network alterations in autism. <i>Human Brain Mapping</i> , 2015, 36, 2364-2373.	3.6	87
47	Dimensional Brain-Behavior Relationships in Children with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2012, 71, 434-442.	1.3	80
48	Antiepileptic drugs: affective use in autism spectrum disorders. <i>Pediatric Neurology</i> , 2001, 25, 199-207.	2.1	78
49	Methylphenidate for Pervasive Developmental Disorders: Safety and Efficacy of Acute Single Dose Test and Ongoing Therapy: An Open-Pilot Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2004, 14, 207-218.	1.3	76
50	Reconciling Dimensional and Categorical Models of Autism Heterogeneity: A Brain Connectomics and Behavioral Study. <i>Biological Psychiatry</i> , 2020, 87, 1071-1082.	1.3	76
51	Developmental Meta-Analysis of the Functional Neural Correlates of Autism Spectrum Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 279-289.e16.	0.5	73
52	Neural Connectivity Evidence for a Categorical-Dimensional Hybrid Model of Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2016, 80, 120-128.	1.3	70
53	Multimodal MR Imaging of Brain Iron in Attention Deficit Hyperactivity Disorder: A Noninvasive Biomarker That Responds to Psychostimulant Treatment?. <i>Radiology</i> , 2014, 272, 524-532.	7.3	66
54	Differential Development of Human Brain White Matter Tracts. <i>PLoS ONE</i> , 2011, 6, e23437.	2.5	64

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55	Short-term testâ€retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 83-93.	4.0	64
56	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021, 12, 2225.	12.8	63
57	Resting State Functional Connectivity Correlates of Inhibitory Control in Children with Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2011, 2, 83.	2.6	56
58	Network-specific sex differentiation of intrinsic brain function in males with autism. <i>Molecular Autism</i> , 2018, 9, 17.	4.9	55
59	Attentionâ€deficit/hyperactivity disorder without comorbidity is associated with distinct atypical patterns of cerebral microstructural development. <i>Human Brain Mapping</i> , 2014, 35, 2148-2162.	3.6	49
60	Response time intra-subject variability: commonalities between children with autism spectrum disorders and children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 69-79.	4.7	46
61	Age-related changes in intrinsic function of the superior temporal sulcus in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1413-1423.	3.0	46
62	A Systematic Review of the Role of Parent Characteristics in Parent-Mediated Interventions for Children with Autism Spectrum Disorder. <i>Journal of Developmental and Physical Disabilities</i> , 2020, 32, 1-21.	1.6	45
63	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021, 12, 19.	4.9	40
64	Intrinsic brain indices of verbal working memory capacity in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2015, 15, 67-82.	4.0	36
65	Increased Response-Time Variability Across Different Cognitive Tasks in Children With ADHD. <i>Journal of Attention Disorders</i> , 2014, 18, 434-446.	2.6	35
66	Locomotor activity measures in the diagnosis of attention deficit hyperactivity disorder: Meta-analyses and new findings. <i>Journal of Neuroscience Methods</i> , 2015, 252, 14-26.	2.5	34
67	Neuroimaging-Based Phenotyping of the Autism Spectrum. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 30, 341-355.	1.7	33
68	Mode of Anisotropy Reveals Global Diffusion Alterations in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 137-145.	0.5	29
69	Response-Time Variability Is Related to Parent Ratings of Inattention, Hyperactivity, and Executive Function. <i>Journal of Attention Disorders</i> , 2011, 15, 572-582.	2.6	28
70	Functional Neuroimaging of Social Cognition in Pervasive Developmental Disorders. <i>Annals of the New York Academy of Sciences</i> , 2003, 1008, 256-260.	3.8	23
71	Periventricular white matter abnormalities and restricted repetitive behavior in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2016, 10, 36-45.	2.7	21
72	Global and local visual processing in autism: An objective assessment approach. <i>Autism Research</i> , 2017, 10, 1392-1404.	3.8	20

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73	Perceived social support in adults with autism spectrum disorder and attention-deficit/hyperactivity disorder. <i>Autism Research</i> , 2017, 10, 866-877.	3.8	19
74	In vivo assessment of age-related brain iron differences by magnetic field correlation imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 322-331.	3.4	18
75	Imaging the "At-Risk" Brain: Future Directions. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 164-179.	1.8	18
76	Rigidity coincides with reduced cognitive control to affective cues in children with autism.. <i>Journal of Abnormal Psychology</i> , 2019, 128, 431-441.	1.9	18
77	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2022, 43, 244-254.	3.6	16
78	Neural correlates of shared sensory symptoms in autism and attention-deficit/hyperactivity disorder. <i>Brain Communications</i> , 2020, 2, fcaa186.	3.3	13
79	The Neural Correlates of Emotional Lability in Children with Autism Spectrum Disorder. <i>Brain Connectivity</i> , 2017, 7, 281-288.	1.7	12
80	Atypical Integration of Sensory-to-Transmodal Functional Systems Mediates Symptom Severity in Autism. <i>Frontiers in Psychiatry</i> , 2021, 12, 699813.	2.6	10
81	Predicting multiscan MRI outcomes in children with neurodevelopmental conditions following MRI simulator training. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101009.	4.0	10
82	Low frequency oscillations of response time explain parent ratings of inattention and hyperactivity/impulsivity. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 101-109.	4.7	9
83	A convergent structure-function substrate of cognitive imbalances in autism. <i>Cerebral Cortex</i> , 2023, 33, 1566-1580.	2.9	9
84	Is Increased Response Time Variability Related to Deficient Emotional Self-Regulation in Children With ADHD?. <i>Journal of Attention Disorders</i> , 2020, 24, 1045-1056.	2.6	7
85	Diagnosis-informed connectivity subtyping discovers subgroups of autism with reproducible symptom profiles. <i>NeuroImage</i> , 2022, 256, 119212.	4.2	6
86	The utility of parent-report screening tools in differentiating autism versus attention-deficit/hyperactivity disorder in school-age children. <i>Autism</i> , 2022, 26, 473-487.	4.1	2
87	Discovery science of human brain function. <i>Neuroscience Research</i> , 2011, 71, e30-e31.	1.9	1
88	Chapter 11 Imaging the striatum in autism spectrum disorder. , 2016, , 189-218.		1
89	Shared and distinct patterns of atypical cortical morphometry in children with autism and anxiety. <i>Cerebral Cortex</i> , 2022, 32, 4565-4575.	2.9	1
90	Increasing Traction for Discovery: The Research Domain Criteria Framework and Neurodevelopmental Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 458-460.	1.5	0

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91	T67. Is Increased Response Time Variability Related to Deficient Emotional Self-Regulation in Children With ADHD?. <i>Biological Psychiatry</i> , 2018, 83, S154-S155.	1.3	0